

Device for controlling the supply of liquid fuels to a flow measuring instrument

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Abstract of EP0473818

The invention relates to a device for controlling the supply of liquid fuels to a flow measuring instrument for dispensing fuels, having a gas separator (4), arranged between a fuel pump (2) and the flow measuring instrument, and having a valve (13), which interrupts the flow to the flow measuring instrument and is controlled as a function of the amount of gas in a fuel jet which is generated by a nozzle (14) and branches off from the fuel flow downstream of the pressure joint (3) of the fuel pump (2). To achieve inexpensive manufacture of such a device using wear-free and simple components and at the same time to increase its functional reliability, the nozzle (14) is directed at a sensor (15) which converts the pressure of the fuel jet into an electrical signal and controls the valve, in the form of a solenoid valve (13), in the line leading to the flow measuring instrument, via an electronic evaluation circuit (17).

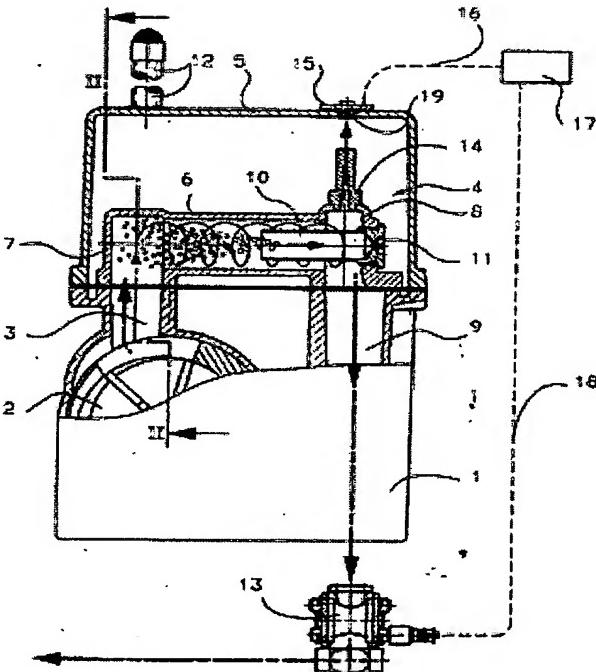


Fig. 1

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